L10 ANSWER 9 OF 10 USPATFULL

CLM What is claimed is:

- 1. A method of treating acne comprising topically applying to said acne a composition comprising an effective amount of benzilic acid in a topically acceptable vehicle for a period of time sufficient to effect a substantial clearing of acne lesions.
- . acid; 2-hydroxy-2-methylbutanedioic acid; citric acid; isocitric acid; agaricic acid; quinic acid; glucuronic acid; glucuronolactone; galacturonic acid; galacturonolactone; uronic acids; uronolactones; ascorbic acid; dihydroascorbic acid; dihydroxytartaric acid; tropic acid; ribonolactone; gluconolactone; galactonolactone; gulonolactone; mannonolactone; ribonic acid; gluconic acid; citramalic acid; pyruvic acid; . .
- 16. A method for topically treating acne, comprising topically applying a composition to said skin, said composition being prepared

by:

. . .

combining, simultaneously or in any order, at.

- . acid; 2-hydroxy-2-methylbutanedioic acid; citric acid; isocitric acid; agaricic acid; quinic acid; glucuronic acid; glucuronolactone; galacturonic acid; galacturonolactone; uronic acids; uronolactones; ascorbic acid; dihydroascorbic acid; dihydroxytartaric acid; tropic acid; ribonolactone; gluconolactone; galactonolactone; gulonolactone; mannonolactone; ribonic acid; gluconic acid; citramalic acid; pyruvic acid; . .
- 24. The method as claimed in claim 16, wherein said anti-acne agent is present in an amount of from 0.01 to 40 percent by weight, based on the total weight of. . .
- 25. The method as claimed in claim 1, wherein said composition further comprises at least one additional anti-acne agent selected from one or more of retinoids, salicylic acid, benzoyl peroxide, erythromycin, chlorhexidine and tetracycline.
- 27. The method as claimed in claim 25, wherein said additional antiacne agent is salicylic acid.
- 28. The method as claimed in claim 25, wherein said additional antiacne agent is benzoyl peroxide.
- 29. The method as claimed in claim 25, wherein said additional antiacne agent is erythromycin.
- 30. The method as claimed in claim 25, wherein said additional antiacne agent is chlorhexidine.
- 31. The method as claimed in claim 25, wherein said additional antiacne agent is tetracycline.
- 32. The method as claimed in claim 16, wherein said composition further comprises at least one additional anti-acne agent selected from one or more of erythromycin, chlorhexidine and tetracycline.
- 34. The method as claimed in claim 32, wherein said additional antiacne agent is salicylic acid.
- 35. The method as claimed in claim 32, wherein said additional antiacne agent is benzoyl peroxide.
- 36. The method as claimed in claim 32, wherein said additional anti-

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NUMBER OF CLAIMS: 20 EXEMPLARY CLAIM: 1 LINE COUNT: 279

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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acne agent is erythromycin.

- 37. The method as claimed in claim 32, wherein said additional antiacne agent is chlorhexidine.
- 38. The method as claimed in claim 32, wherein said additional antiacne agent is tetracycline.

- L10 ANSWER 6 OF 10 USPATFULL
- CLM What is claimed is:
 - 1. A method for the treatment of skin acne comprising the step of applying a composition directly to the skin comprising a base in an amount between about 25. . .
 - 4. The method of claim 1, wherein said anti-oxidant is selected from

the

group consisting of **ascorbic** acid, tocopherol and beta-carotene.

- 5. The method of claim 4, wherein ascorbic acid is present in an amount between 0.45 and 2 weight percent, and wherein tocopherol is present in an amount. . .
- 15. The method of claim 14, wherein said peroxide is selected from the group consisting of hydrogen peroxide, benzoyl peroxide, acetyl peroxide, t-butyl peroxide, para chlorobenzoyl peroxide, and methyl ethyl ketone peroxide.
- 18. A method for the treatment of **acne** of the skin comprising the steps of: cleaning an area of the skin with an anti-bacterial cleanser; applying a small. . .
- . of claim 18, wherein said base comprises water and a diluent; said anti-oxidant is selected from the group consisting of **ascorbic** acid, tocopherol and beta-carotene; and said herbal anti-bacterial product is selected from the group consisting of golden seal extract, tea. . .

- L10 ANSWER 6 OF 10 USPATFULL
- CLM What is claimed is:
 - 1. A method for the treatment of skin acne comprising the step of applying a composition directly to the skin comprising a base in an amount between about 25. . .
 - 4. The method of claim 1, wherein said anti-oxidant is selected from

the

group consisting of **ascorbic** acid, tocopherol and beta-carotene.

- 5. The method of claim 4, wherein ascorbic acid is present in an amount between 0.45 and 2 weight percent, and wherein tocopherol is present in an amount. . .
- 15. The method of claim 14, wherein said peroxide is selected from the group consisting of hydrogen peroxide, benzoyl peroxide, acetyl peroxide, t-butyl peroxide, para chlorobenzoyl peroxide, and methyl ethyl ketone peroxide.
- 18. A method for the treatment of **acne** of the skin comprising the steps of: cleaning an area of the skin with an anti-bacterial cleanser; applying a small. . .
- . of claim 18, wherein said base comprises water and a diluent; said anti-oxidant is selected from the group consisting of **ascorbic** acid, tocopherol and beta-carotene; and said herbal anti-bacterial product is selected from the group consisting of golden seal extract, tea. . .
- 1. A method for the treatment of skin acne comprising the step of applying a composition directly to the skin comprising a base in an amount between about 25 and 60 weight percent, calamine in an amount between about 8 and 20 weight percent, an anti-oxidant in an amount between about 0.5 and 3 weight percent and an herbal anti-bacterial product in an amount between about 0.25 and 4 weight percent.
- 2. The method of claim 1, wherein the base comprises water in an amount between about 15 and 35 weight percent and a diluent in an amount between about 10 and 25 weight percent.
- 3. The method of claim 2, wherein the diluent is selected from the group consisting of glycerin and propylene glycol.
- 4. The method of claim 1, wherein said anti-oxidant is selected from the group consisting of **ascorbic** acid, tocopherol and beta-carotene.
 - 5. The method of claim 4, wherein **ascorbic** acid is present in an amount between 0.45 and 2 weight percent, and wherein tocopherol is present in an amount between about 0.08 and 1 weight percent.
- 6. The method of claim 1, wherein said herbal anti-bacterial product is selected from the group consisting of golden seal extract, tea tree oil, echinacea, garlic, pau d'arco and red clover.
 - 7. The method of claim 6, wherein said anti-bacterial product is tea tree oil in an amount between about 0.35 and 0.90 weight percent, and golden seal extract in an amount between about 1 and 3 weight percent.

- $8.\$ The method of claim 1, further including an astringent in an amount between about 1 and 12 weight percent.
- 9. The method of claim 8, wherein said astringent is selected from the group consisting of witch hazel and alpha hydroxy acids.
- 10. The method of claim 9, wherein said astringent is witch hazel in an amount between about 3 and 10 weight percent.
- 11. The method of claim 1, further including an alcohol in an amount between about 3 and 10 weight percent.
- 12. The method of claim 11, wherein said alcohol is selected from the group consisting of ethyl alcohol and isopropyl alcohol.
- 13. The method of claim 12, wherein said alcohol is ethyl alcohol in an amount between about 3 and 8 weight percent.
- 14. The method of claim 1, further including a peroxide in an amount between about 3 and 8 weight percent.
- 15. The method of claim 14, wherein said peroxide is selected from the group consisting of hydrogen peroxide, benzoyl peroxide, acetyl peroxide, t-butyl peroxide, para chlorobenzoyl peroxide, and methyl ethyl ketone peroxide.
- 16. The method of claim 1, further including zinc oxide in an amount between about 8 and 20 weight percent.
- 17. The method of claim 1, further including aloe vera gel in an amount between about 0.01 and 0.05 weight percent.
- 18. A method for the treatment of **acne** of the skin comprising the steps of: cleaning an area of the skin with an anti-bacterial cleanser; applying a small amount of a composition to said area, said composition comprising a base in an amount between about 25 and 60 weight percent; calamine in an amount between about 8 and 20 weight percent; an anti-oxidant in an amount between about 0.5 and 3 weight percent and an herbal anti-bacterial product in an amount between about 0.25 and 4 weight percent.
- 19. The method of claim 18, wherein said base comprises water and a diluent; said anti-oxidant is selected from the group consisting of ascorbic acid, tocopherol and beta-carotene; and said herbal anti-bacterial product is selected from the group consisting of golden seal extract, tea tree oil, echinacea, garlic, pau d'arco and red clover.
- 20. The method of claim 19, wherein said composition further includes

astringent in an amount between about 1 and 12 weight percent and selected from the group consisting of witch hazel and alpha hydroxy acids.

ACCESSION NUMBER:

1999:18734 USPATFULL

TITLE:

an

Skin treatment composition

INVENTOR(S):

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